

CLAIMS

1. A method of creating print data, in which prior to creating a plurality of printing-plate creation data for respectively creating a plurality of printing plates in sequentially printing a plurality of print images on a printing medium by the use of the plurality of printing plates respectively corresponding to the plurality of print images; a plurality of print data, each of which includes an image type data for at least one image type constituting the corresponding print image and a position data for determining at least one of an image type position data corresponding to a position of the image type in the print image and an image type shape data indicating a shape of the image type, are created, the method comprising:

15 a deformation information input step of setting deformation information on an amount of elongation or contraction in a direction in which the printing medium is to be elongated or contracted when each print is made in printing operation for the plurality of print images on the printing medium by the use of the plurality of printing plates; and

20 a correction step of correcting at least one image type data constituting at least one of the plurality of print images in terms of elongation or contraction in the direction in which the printing medium is to be elongated or contracted, on the basis of the corresponding position data and the deformation information set in the deformation information input step.

25 2. The method of creating print data according to claim 1, wherein the deformation information input step, the deformation information corresponding to a print condition of the printing medium when each print is made is stored in a deformation information table, and in the correction step, the deformation

information in the deformation information table is automatically set on the basis of the print condition when elongation or contraction correction is performed.

3. A device for creating print data, in which prior to creating a plurality of printing-plate creation data for respectively creating a plurality of printing plates in sequentially printing a plurality of print images on a printing medium by the use of the plurality of printing plates respectively corresponding to the plurality of print images; a plurality of print data, each of which includes an image type data for at least one image type constituting the corresponding print image and a position data for determining at least one of an image type position data corresponding to a position of the image type in the print image and an image type shape data indicating a shape of the image type, are created, the device comprising:

a deformation information input means for setting deformation information on an amount of elongation or contraction in a direction in which the printing medium is to be elongated or contracted when each print is made in printing operation for the plurality of print images on the printing medium by the use of the plurality of printing plates; and

a correction means for correcting at least one image type data constituting at least one of the plurality of print images in terms of elongation or contraction in the direction in which the printing medium is to be elongated or contracted, on the basis of the corresponding position data and the deformation information set by the deformation information input means.

4. The device for creating print data according to claim 3, wherein the deformation information input means stores the deformation information, which corresponds to a print condition of the printing medium when each print is made,

in a deformation information table, and the deformation information in the deformation information table is automatically set on the basis of the print condition when the correction means performs elongation or contraction correction.

- 5 5. A program for creating print data, the program serving to make a computer execute the steps of the method according to any one of claims 1 and 2.
6. A computer-readable recording medium containing the program for creating print data according to claim 5.